

## HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C.

UTILITY  
PATENT APPLICATION  
TRANSMITTALOnly for new nonprovisional applications under  
37 C.F.R. 1.53(b)

Attorney Docket No.

2478.1002-016

First Named Inventor or  
Application Identifier

Scott F. Sneddon

Express Mail Label No.

EV214956255US

Title of  
InventionMODULATORS OF TNF- $\alpha$  SIGNALING

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification **Total Pages 100**  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☐ Drawing(s) (35 U.S.C. 113) **Total Sheets** ☐  
☐ Fig. of the Drawings for Publication ☐  
☐ No Figure to be Published
4. ☒ Oath or Declaration **Total Pages 6**
- a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form
  - b. ☐ Paper Copy (identical to computer copy)  
☐ Pages
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & documents)  
☒ Assignee - Genzyme Corporation  
Cambridge, Massachusetts
8. ☐ Power of Attorney ☐ 37 C.F.R. 3.73(b) Statement
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard
13. ☐ Small Entity Statement(s)
- 14a. ☐ Foreign Priority Claim under 35 U.S.C. §119 or 365
- 14b. ☐ Certified Copy of Priority Document(s)
15. ☐ Nonpublication Request (check parent application)
16. ☒ Other - Remarks/Change of Correspondence Address;  
copy of prior pending application no.  
09/852,965 & copy of pending claims from prior

17. If a **CONTINUING APPLICATION**, check appropriate box, supply the requisite information.

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/852,965

Prior application information: Examiner: V. Balasubramanian Group Art Unit: 1624

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.

(Add standard Related Applications section with incorporation by reference to specification or update same)

## 18. CORRESPONDENCE ADDRESS

NAME	Customer No. 021005				
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.				
ADDRESS	530 Virginia Road, P.O. Box 9133				
CITY	Concord	STATE	MA	ZIP CODE	01742-9133
COUNTRY	USA	TELEPHONE	(978) 341-0036	FAX	(978) 341-0136

Signature

Date

Submitted by  
Typed or Printed Name

Steven G. Davis, Esq.

Reg. Number

39,652

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	2478.1002-016		
	Application Number			
	First Named Inventor	Scott F. Sneddon		

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS <small>(37 CFR 1.16(c) or (j))</small>	59 - 20* =	39	x \$ 18 =	\$ 702
	INDEPENDENT CLAIMS <small>(37 CFR 1.16(b) or (i))</small>	12 - 3** =	9	x \$ 86 =	\$ 774
	MULTIPLE DEPENDENT CLAIMS (if applicable) <small>(37 CFR 1.16(d))</small>			+ \$ 290 =	\$
				BASIC FEE <small>(37 CFR 1.16(a) or (h))</small>	\$ 770
				Total of above Calculations =	\$ 2246
	Reduction by 50% for filing by small entity <small>(37 CFR 1.9, 1.27, 1.28)</small> =				\$
	TOTAL =				\$ 2246
	Surcharge - Late Filing of Declaration or Filing Fees <small>(37 C.F.R. 1.16(e))</small> =				\$
	Petition for Extension of Time Fee <small>(37 C.F.R. 1.17)</small> =				\$
	Assignment Recordation Fee = <small>(only when filed with application)</small>				\$
	[Other]				\$
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent				TOTAL = \$ 2246

1. Small entity status:

a. ☐ A small entity statement is enclosed.

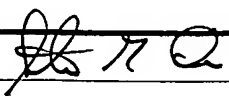
b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.

c. ☐ Is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$2246.00.      ☐ Please charge \$[    ] to Deposit Account No. 08-0380.

4. ☐ Other: \_\_\_\_\_

Signature		Date	March 10 2004
Submitted by Typed or Printed Name	Steven G. Davis, Esq.	Reg. Number	39,652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick,  
Shuang Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter  
Biemann

Divisional Application of

Application No.: 09/852,965  
Filed: May 10, 2001

For: MODULATORS OF TNF- $\alpha$  SIGNALING

Date: <u>3.10.04</u>
EXPRESS MAIL LABEL NO. <u>EV 214956 255 25</u>

REMARKS/CHANGE OF CORRESPONDENCE ADDRESS

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The above-captioned application is a divisional of application number 09/852,965 filed on May 10, 2001 to which priority is claimed under 35 U.S.C. §120.

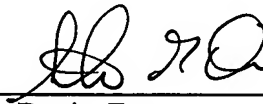
The related applications paragraph has been revised to include a specific reference to the parent application.

Claims 15-32, 71-100, and 108-160, as presented in the parent application, have been omitted and remaining Claims 1-14, 33-70 and 101-107 have been renumbered sequentially beginning with Claim 1. It is noted that the claims being presented in the subject applications were restricted out of the parent application.

Pursuant to 37 C.F.R. 1.63(d)(4), please note that a new Power of Attorney and a Notice of Change of Correspondence Address was submitted in parent Application No. 09/852,965. Please send all correspondence in the above-identified continuation application to: Customer No. 021005; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 01742-9133. In addition, please direct all telephone calls to **Steven G. Davis, Esq.** at (978) 341-0036, and all facsimile communications to (978) 341-0136.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
\_\_\_\_\_  
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Dated:

March 10 2004